

承認書 Approval Sheet

■客戶/Customer: MARITEX	客戶確認 Customer Confirmation
■日期/Date:	客戶/Part No:
February 05,2013	
■產品型號/Type Number: FIP 2A250V	
■產品描述/Type Description:	客戶簽章/Signature
Size: 3.6x10 mm, Fast Acting Type With Work Control With Axial Pigtail: 0.6x30 mm	
■特殊需求/Customer Request:	

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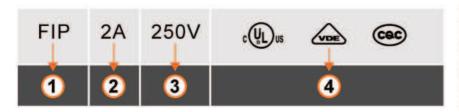


1. 適用範圍 / SCOPE

FIP 系列超小型保險絲,適用於一般電子設備。 FIP series Micro-Fuse, used in electronic equipment.

2. 產品型號 / TYPE

例「example」:



- ① 系列號/Series Number
- ② 額定電流/Rated Current
- ③ 額定電壓/Rated Voltage
- 4 認證符號/Approved Symbol

3. 額定電流和額定電壓/RATED CURRENT AND RATED VOLTAGE

額定電流 / Rated Current:

250mA~6.3A

額定電壓 / Rated Voltage:

250VAC

4. 標示 / MARKING

保險絲兩端銅帽上需有下列標示/The fuses cap shall have the following marking

①規格:額定電流+額定電壓

Specification: Rated Current + Rated Voltage

250mA~6.3A: F mA/ A V

②商 標:製造工廠的商標+系列號+認證符號

Trade mark: The Manufacture's Logo +Part Number + Approved Symbol.

250mA~6.3A: **\P** FIP **\(\mathbb{U}\)** us **\(\mathbb{L}\)**

注意 / Note:

對標示的大小和位置沒有規定 / Size and position of the markings shall not be provided.

5. 外觀及形狀 / APPEARANCES AND CONFIGURATION

5-1 外觀:不應有破碎、明顯的汙斑。

Appearances: There shall not be break up and any remarkable blotch.

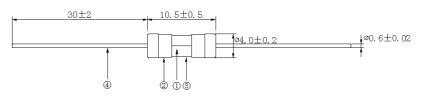
5-2 形狀: 帶腳的超小型保險絲。

Configuration: Axial Leaded Micro -Fuse.



6. 工程圖和結構 / OUTLINE DRAWING AND STRUCTURE

6-1 工程圖(單位:mm) / Outline Drawing and Dimensions (Unit: mm)



6-2 結構 / Structure

編號 No.	元件 Component	材質 Material	數量 Quantity
1	熔絲 Wire	合金 Alloy	1
2	銅帽 Cap	黃銅鍍鎳 Brass with nickel plated	2
3	本體 Body	玻璃管 Glass Tube	1
4	引線 Lead	鍍錫銅線 Tinned Copper wire	2

7. 產品特性 / PRODUCT CHARACTERISTICS

7-1 引腳拉力強度 / Lead Pull Strength 10 牛頓 10±1 秒 / 10N for 10±1 Sec.

7-2 引腳推力強度 / Lead Thrust Strength 2 牛頓 10±1 秒 / 2N for 10±1 Sec.

7-3 可焊性 / Solderability

波峰焊/Wave: 260°C, ≤3s;

烙鐵焊/Soldering Iron: 350±10℃, ≤3s.

7-4 耐焊接熱 / Soldering Heat Resistance

波峰焊/Wave: 260℃, 10s;

烙鐵焊/Soldering Iron: 350℃, 5s.

8. 電氣特性 / ELECTRICAL CHARACTERISTICS

8-1 熔斷 / 電流特性: Pre-Arcing Time / Current Characteristic (limits)

RATED CURRENT	2 In Max.	2.75 In Max.	4 In Max.	10 In Max.
250mA~6.3A	5 s	300 ms	30 ms	4 ms



9. 環境特性 / ENVIRONMENTAL CHARACTERISTIC

9-1 操作溫度範圍: -55℃~125℃ / Operating Temperature:-55℃~125℃

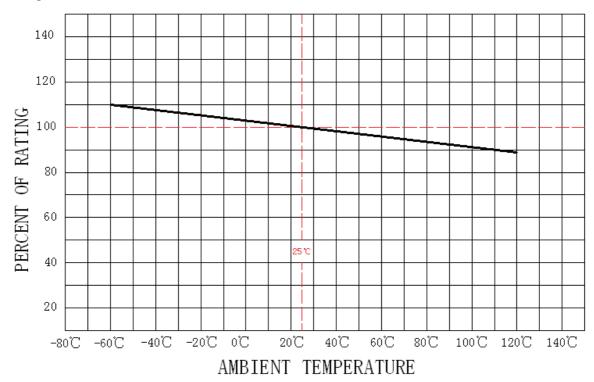
若貴司操作環境溫度超出25±5℃範圍,在選用保險絲規格時,需考慮操作環境溫度對保險絲的影響。

請參照:溫度-電流曲線圖。

When choosing the fuse's specification, if the operating environmental temperature beyond the scope from 20~30°C, you should consider the environmental temperature's affection to fuses.

Please refer:

Temperature-Current curve:



9-2 存儲條件 / Storage Conditions

在溫度+10℃~60℃、相對濕度≦75%的密閉條件下可存放3年。

Under airtight in temperature+ 10° C \sim 60°C \cdot relative humidity \leq 75% can store 3 years.

在溫度+10℃~60℃、相對濕度爲95%的非露天下最多可存放30天。

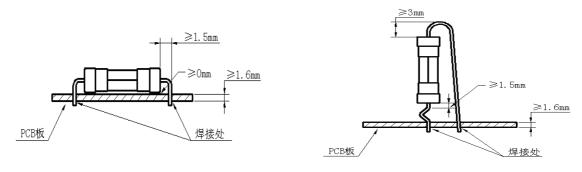
Without dew in temperature+ 10° C \sim 60°C \sim relative humidity be 95% maximum value for 30days.



10. 安裝方式及條件 / INSTALLATION WAY AND PARAMETERS

10-1 建議如下圖安裝方式安裝,並滿足所要求的尺寸。

Propose that the following picture installation way is installed, and satisfied the required size.



10-2 建議客戶焊接參數 / Recommended Customer Soldering Parameters

波峰焊參數 / Wave Parameters:

錫爐溫度 / Solder Pot Temperature:

260°C Max

焊接時間 / Solder Dwell Time:

2~5s

手工焊參數 / Hand-Solder Parameters:

烙鐵溫度 / Solder Iron Temperature:

350±5°C

焊接時間 / Heating Time:

5 s Max

11.其他使用注意事項 / OTHER NOTICE IN USED

如果需在保險絲上加熱縮套管,烘烤溫度與時間需參照以下規定

If need to add heat draws back the sleeve pipe on the fuse, it needs to consult the following regulation to toast temperature and time

溫度 temperature	120℃	130°C	140°C	150°C
時間 time	Max 70s	Max 60s	Max 50s	Max 40s



12.安全認證及編號 / STANDARDS AND APPROVALS

UL	E56092(JDYX)(250mA~6.3A)	
C-UL		E56092(JDYX7)(250mA~6.3A)
VDE	VDE 40025655(250mA~6.3A)	
CQC	東莞廠	CQC07012020475(250mA~6.3A)
	蘇州廠	CQC07012020235(250mA~6.3A)

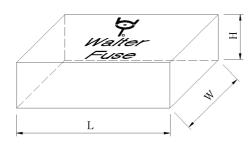
13. 包裝 / PACKING

13-1 包裝數量 / Packing Quantity

A: 每內盒裝 1000 個保險絲。 1000pcs per inner box.

B:每外箱裝 10 內盒保險絲。 10 inner boxes per outer box.

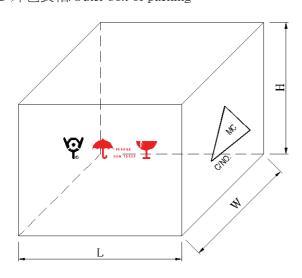
13-2 內包裝盒/Inner box of packing



單位/Unit:mm

L	W	Н
152±3	130±3	79±3

13-3 外包裝箱/Outer box of packing



單位/Unit:mm

L	W	Н
325±5	425±5	285±5



FIP 系列(快斷)保險絲規格書

The Fuse Specification of FIP Series (Fast-Acting)

14.其他 / OTHERS

- 14-1 如果在使用中有超出本規格書的要求,必須經由雙方協商確認.
 In the event that an impropriety is found beyond this specification, it shall be fixed by mutual agreement between the parties.
- 14-2 如果本規格書有不適當的情況,必須通過雙方協商並由本公司修改.
 In the event that an impropriety is found in this specification, WALTER ELECTRONIC CO., LTD. shall amend it by mutual agreement between the parties.

版次	製作	確認	審核,
第三版	吴如林门	Cespa Li7/s	夏月多星多星光江